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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Attorney Docket No.: 1550.36US03

SEGHATOL et al.

Confirmation No.: 1792

Application No.: 10/822,548

Examiner: Not Assigned

Filed: April 12, 2004

Group Art Unit: 3742

For: HAND-HELD MICROWAVE POLYMERIZATION
SYSTEM FOR DENTISTRY

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
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Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This information is being filed before the mailing date of a first Office Action on the merits. No certification or fee is required.

This application was filed after June 30, 2003; therefore, copies of cited U.S. patents and U.S. published applications are not included.

Respectfully submitted,



Brad Pedersen
Registration No. 32,432

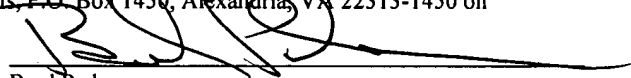
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Brad Pedersen



Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/822,548
Filing Date	April 12, 2004
First Named Inventor	Seghatol
Art Unit	3742
Examiner Name	Unknown
Attorney Docket Number	1550.36US03

1 of 4

U.S. PATENT DOCUMENTS

EXAMINER INITIAL [*]	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code ² (if known)		
		US-4,011,197	03/1977	Lee
		US-4,251,215	02/1981	May et al.
		US-4,527,560	07/1985	Masreliez
		US-4,543,379	09/1985	Gettleman et al.
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		US-4,760,228	07/1988	Kudo
		US-4,873,269	10/1989	Nakazato
		US-4,971,735	11/1990	Uegayashi
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		US-5,059,914	10/1991	Lacombe et al.
		US-5,081,164	01/1992	Lai
		US-5,147,903	09/1992	Podszum et al.
		US-5,151,279	09/1992	Kimura et al.
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		US-5,191,182	03/1993	Gelorme et al.
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		US-5,218,070	06/1993	Blackwell
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		US-5,358,515	10/1994	Hürter et al.
		US-5,384,075	01/1995	Okami
		US-5,421,727	06/1995	Stevens et al.

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
		CA 2120880	10/1995		
		CA 2148536	11/1995		
		DE 41 02 129 A1	07/1992		

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

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				Application Number	10/822,548
				Filing Date	April 12, 2004
				First Named Inventor	Seghatol
				Art Unit	3742
				Examiner Name	Unknown
Sheet	2	of	4	Attorney Docket Number	1550.36US03
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		Number-Kind Code ² (if known)			
		US-5,456,603	10/1995	Kowalyk et al.	
		US-5,502,087	03/1996	Tateosian et al.	
		US-5,510,411	04/1996	McKinstry et al.	
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		US-5,747,553	05/1998	Guzauskas	
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		US-5,893,713	04/1999	Garman et al.	
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		US-6,083,218	07/2000	Chou	
		US-6,103,779	08/2000	Guzauskas	
		US-6,254,389	07/2001	Seghatol	
		US-6,287,490	09/2001	Rheinberger et al.	
		US-6,335,385	01/2002	Gorlich et al.	
		US-6,384,107	05/2002	Liu	
		US-6,441,354	08/2002	Seghatol et al.	
		US-6,605,651	08/2003	Stangel et al.	
FOREIGN PATENT DOCUMENTS					
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
		EP 0 193 514 B1	08/1990		
		EP 0 687 451 A2	12/1995		
		JP 63-296750	02/1988		
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<p>[*]EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> <p>¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.</p> <p>This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.</p>					

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				Examiner Name	Unknown
Sheet	3	Of	4	Attorney Docket Number	1550.36US03

NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIAL [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Urabe et al., "Influence of Polymerization Initiator for Base Monomer on Microwave Curing of Composite Resin Inlays," Journal of Oral Rehabilitation 1999 26:447-446	
		Readers' Choice, "The Prosthoflex Automated Injection System From ATP Industries, Inc.," Dental Lab Product, Sep./Oct. 1995.	
		Hoshi et al., "Application of Microwaves and Millimeter Waves for the Characterization of Teeth For Dental Diagnosis and Treatment," IEEE Transactions on Microwave Theory and Techniques, vol. 46, no. 6, June 1998.	
		Ferracane, "Elution of Leachable Components From Composites," Journal of Oral Rehabilitation, 1994, vol. 24, pp. 441-452.	
		"Estrogenic Agents Leach From Dental Sealant," Science News, vol. 149, Apr. 6, 1996.	
		Hume et al., "Bioavailability of Components of Resin-Based Materials Which Are Applied To Teeth," Crit. Rev. Oral Biol. Med., 7(2):172-179 (1996).	
		Alkhatib et al., "Comparison of Microwave-Polymerized Denture Base Resins," The International Journal of Prosthodontics, vol. 3, no. 3, pp. 249-255, 1990.	
		Hayden, "Flexural Strength of Microwave-cured Denture Baseplates," General Dentistry/Sep.-Oct. 1986, pp. 367-371.	
		Geerts et al., "A Comparison of the Bond Strengths of Microwave—and Water Bath—Cured Denture Material," The Journal of Prosthetic Dentistry, vol. 70, no. 5, pp. 406-409.	
		Turck et al., "Microwave Processing for Denture Relines, Repairs, and Rebases," The Journal of Prosthetic Dentistry, vol. 69, no. 3, pp. 340-343.	

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SIGNATURE

DATE
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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		Doori et al., "A Comparison of Denture Base Acrylic Resins Polymerized By Microwave Irradiation And By Conventional Water Bath Curing Systems," Dent Mater 1988: 4:25-32.	
		Salim et al., "the Dimensional Accuracy of Rectangular Acrylic Resin Specimens cured by Three Denture Base Processing Methods," The Journal of Prosthetic Dentistry, Jun. 1992, vol. 67, No. 4, pp. 879-881.	
		Wallace et al., "Dimensional Accuracy of Denture Resin Cured By Microwave Energy," The Journal of Prosthetic Dentistry, Sep. 1991, vol. 66, No. 3, pp. 403-407.	
		Farrancane et al., "Wear and Marginal Breakdown of Composites With Various Degrees of Cure," J. Dent. Res., 76(8), pp. 1508-1516 (Aug. 1997).	
		Feilzer et al., "Curing Contraction of Composites and Glass-Ionomer Cements," The Journal of Prosthetic Dentistry, Mar. 1988, vol. 59, No. 3, pp. 297-300.	

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